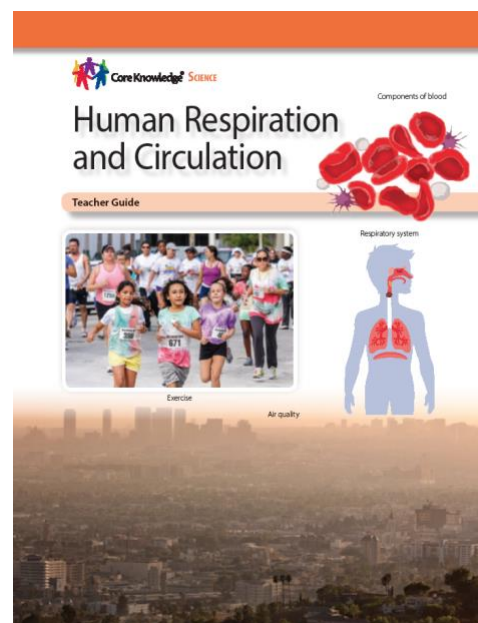


## Human Respiration and Circulation

Click on each lesson to access its online resources. Page numbers refer to pages in the Teacher Guide. Some links provide access to files created by the Core Knowledge Foundation, including PDF documents that you can download and view with the appropriate software (such as [Adobe Acrobat Reader DC](#)).

### About this Unit

Page	Resource Links
3	<ul style="list-style-type: none"> <li>Note to Core Knowledge Teachers: Core Knowledge Science Sequence for this unit: <a href="https://www.coreknowledge.org/curriculum/science/">https://www.coreknowledge.org/curriculum/science/</a></li> <li>This unit has been influenced by Next Generation Science Standards (NGSS) Crosscutting Concepts and Science and Engineering Practices: <ul style="list-style-type: none"> <li><a href="#">CCC</a></li> <li><a href="#">SEP</a></li> </ul> </li> </ul>
7	<ul style="list-style-type: none"> <li><a href="#">Recommended Science Trade Books</a></li> </ul>
8	<ul style="list-style-type: none"> <li><a href="#">Resources for Effective and Safe Classroom Activities</a></li> </ul>
8	<a href="#">Materials Supply List: Grade 4 Unit 6 Human Respiration and Circulation</a>



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## Lessons 1–8

Page	Resource Links
<b>16</b> (Lesson 1)	[VIDEO] <a href="#">The unbelievable story of Wilma Rudolph</a>
<b>25</b> (Lesson 3)	[VIDEO] <a href="#">How Do High Altitudes Affect Your Body?</a>
<b>29</b> (Lesson 4)	[VIDEO] <a href="#">100m through Olympic history (1908 - 2012)</a>
<b>30</b> (Lesson 4)	[WEBSITE] <a href="#">Target Heart Rates Chart</a> [VIDEO] <a href="#">How blood pressure works - Wilfred Manzano</a>
<b>34</b> (Lesson 5)	[APP] <a href="#">The Human Body</a> [ARTICLE] <a href="#">The Human Body Handbook</a>
<b>36</b> (Lesson 5)	[VIDEO] <a href="#">How to Build a Model Heart</a> [VIDEO] <a href="#">From the Heart</a>
<b>40</b> (Lesson 6)	[VIDEO] <a href="#">Virtual Tour of the Blood Donor Center</a>
<b>45</b> (Lesson 7)	[WEBSITE] <a href="#">Blue Zones Diet</a> [ARTICLE (Teacher Support)] <a href="#">Blue Zones: Lessons From the World's Longest Lived</a>
<b>46</b> (Lesson 7)	[VIDEO] <a href="#">Where does air pollution come from?</a>

NOTE: Preview all videos, and cue beyond introductory advertisements before classroom display. Many video clips are best displayed with the sound muted and supported by teacher explanation.

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# Online Resources

## Teacher Resources

Page	Resource Links
8	<a href="#">Resources for Effective and Safe Classroom Activities</a>
8	<a href="#">Materials Supply List: Grade 4 Unit 6 <i>Human Circulation and Respiration</i></a>
60	<a href="#">Activity Pages Answer Key</a>
64	Safety in the Science Classroom: <ul style="list-style-type: none"> <li>• <a href="#">NSTA Safety Resources</a></li> <li>• <a href="#">Safety Resources for Elementary Teachers</a></li> </ul>
	<b>Teacher Guide Appendices:</b> <ul style="list-style-type: none"> <li>• <a href="#">Appendix A: Glossary</a></li> <li>• <a href="#">Appendix B: Safety for Activities</a></li> <li>• <a href="#">Appendix C: Strategies for Acquiring Materials</a></li> <li>• <a href="#">Appendix D: Advance Preparation</a></li> <li>• <a href="#">Appendix E: Unexpected Activity Results</a></li> </ul>

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